



**National Agricultural
Marketing Council**
Promoting market access for South African agriculture

The NAMC, Maize Trust, Oil and Protein Seeds Development Trust, Sorghum Trust and Winter Cereal Trust jointly fund the Grain and Oilseeds Supply & Demand Estimates (S&DE) initiative.

South African Supply and Demand Estimates July 2020 Report

GRAIN & OILSEEDS SUPPLY & DEMAND ESTIMATES COMMITTEE (S&DEC)

SASDE – 86th meeting held 31 July 2020

THE SOUTH AFRICAN SUPPLY AND DEMAND PROJECTIONS FOR GRAINS AND OILSEEDS FOR
July 2020 ARE AS FOLLOWS:

WHITE MAIZE (2020/21 New Season)

Supply: The total supply of white maize is projected at 9 376 883 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 May 2020) of 473 964 tons and local commercial deliveries of 8 896 160 tons. No whole white maize imports are estimated for the new season, early deliveries of negative 1 241 tons and a surplus of 8 000 tons.

Demand: The total demand (domestic plus exports) for white maize is projected at 7 984 500 tons. The total domestic demand is projected at 6 814 500 tons. This includes 4 950 000 tons processed for human consumption, 1 810 000 tons processed for animal and industrial consumption, 10 500 tons for gristing, 20 000 tons withdrawn by producers, 20 000 tons released to end-consumers and a balancing figure of 4 000 tons (net receipts and net dispatches). A projected export quantity of 270 000 tons of processed products and 900 000 tons of white whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 465 000 tons of white maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 1 392 383 tons. At an average processed quantity of 564 208 tons per month, this represent available stock levels for 2.5 months or 75 days.

YELLOW MAIZE (2020/21 New Season)

Supply: The total supply of yellow maize is projected at 6 574 096 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 526 637 tons and local commercial deliveries of 6 038 950

tons. No yellow maize imports estimated for the new season, early deliveries of negative 11 491 tons and a surplus of 20 000 tons.

Demand: The total demand (domestic plus exports) for yellow maize is projected at 5 956 500 tons. The total domestic demand is projected at 4 576 500 tons. This includes 585 000 tons processed for human consumption, 3 800 000 tons processed for animal and industrial consumption, 8 000 tons for gristing, 55 000 tons withdrawn by producers, 120 000 tons released to end-consumers and a balancing figure of 8 500 tons (net receipts and net dispatches). A projected export quantity of 130 000 tons of processed products and 1 250 000 tons of yellow whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 1 320 000 tons of yellow maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 617 596 tons. At an average processed quantity of 366 083 tons per month, this represent available stock levels for 1.7 months or 51 days.

TOTAL MAIZE (2020/21 New Season)

Supply: The total supply of maize is projected at 15 950 979 tons for the 2020/21 marketing season. This includes an opening stock (at 1 May 2020) of 1 000 601 tons and local commercial deliveries of 14 935 110 tons. No whole maize imports are estimated, early deliveries of negative 12 732 tons and a surplus of 28 000 tons.

Demand: The total demand (domestic plus exports) for maize is projected at 13 941 000 tons. The total domestic demand is projected at 11 391 000 tons. This includes 5 535 000 tons processed for human consumption, 5 610 000 tons processed for animal and industrial consumption, 18 500 tons for gristing, 75 000 tons withdrawn by producers, 140 000 tons released to end-consumers and a balancing figure of 12 500 tons (net receipts and net dispatches). A projected export quantity of 400 000 tons of processed products and 2 150 000 tons of total whole maize is estimated for exports for the 2020/21 marketing season.

Please note: When utilizing 45 days' stock as a proxy, there is potential for 2 785 000 tons of total maize available for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 30 April 2021 is estimated at 2 009 979 tons. At an average processed quantity of 930 292 tons per month, this represents available stock levels for 2.2 months or 66 days.

See Appendix 1 for detailed S&D table. An explanation of terms and calculations is available on the NAMC website (<http://www.namc.co.za>).

SWEET SORGHUM (2020/21 New Season)

Supply: The total supply of sweet sorghum is projected at 141 763 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 52 163 tons, local commercial deliveries of 83 600 tons, imports of 5 000 tons for South Africa and a sweet sorghum surplus of 1 000 tons.

Demand: The total demand (domestic plus exports) for sweet sorghum is projected at 129 830 tons. This includes 1 000 tons for indoor malting, 11 000 tons for floor malting, 100 000 tons for meal, rice and grits, 9 350 tons for feed, 780 tons withdrawn by producers, 800 tons released to end consumers, and a balancing figure of 900 tons (net receipts and net dispatches). A projected export quantity of 6 000 tons of sweet sorghum is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 11 933 tons. At an average processed quantity of 10 113 tons per month, this represent available stock levels for 1.2 months or 36 days.

BITTER SORGHUM (2020/21 New Season)

Supply: The total supply of bitter sorghum is projected 59 570 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 8 260 tons, local commercial deliveries of 51 160 tons, no bitter sorghum imports and a surplus of 150 tons for South Africa.

Demand: The total demand (domestic plus exports) for bitter sorghum is projected at 41 590 tons. This includes 7500 tons for indoor malting, 29 000 tons for floor malting, 1 500 tons for meal, rice and grits, 960 tons for feed, 400 tons withdrawn by producers, 80 tons released to end consumers, a balancing figure of 150 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 2 000 tons of bitter sorghum is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 17 980 tons. At an average processed quantity of 3 247 tons per month, this represent available stock levels for 5.5 months or 168 days.

TOTAL SORGHUM (2020/21 New Season)

Supply: The total supply of sorghum is projected at 201 333 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 60 423 tons, local commercial deliveries of 134 760 tons, sorghum imports of 5 000 tons for South Africa with a surplus of 1 150 tons.

Demand: The total demand (domestic plus exports) for sorghum is projected at 171 420 tons. This includes 8 500 tons for indoor malting, 40 000 tons for floor malting, 101 500 tons for meal, rice and grits, 10 310 tons for feed, 1 180 tons withdrawn by producers, 880 tons released to end consumers, a balancing figure of 1 050 tons (net receipts and net dispatches), and a zero deficit. A projected export quantity of 8 000 tons of total sorghum is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 29 913 tons. At an average processed quantity of 13 359 tons per month, this represent available stock levels for 2.2 months or 68 days.

See Appendix 2 for detailed S&D table.

WHEAT (2019/20 Season)

Supply: The total supply of wheat is projected at 3 901 079 tons for the 2019/20 marketing season. This includes an opening stock level (at 1 October 2019) of 539 079 tons, local commercial deliveries of 1 503 000 tons, whole wheat imports estimated for South Africa of 1 850 000 tons and a surplus of 9 000 tons.

Demand: The total demand (domestic plus exports) for wheat is projected at 3 500 500 tons. This includes 3 320 000 tons processed for human consumption, 23 000 tons processed for animal consumption, 2 300 tons withdrawn by producers, 1 500 tons released to end consumers, 19 500 tons projected seed for planting purposes and a balancing figure of 4 200 tons (net receipts and net dispatches). A projected export quantity of 40 000 tons processed products and 90 000 tons whole wheat is estimated for exports for the 2019/20 marketing season.

Stock levels: The projected closing stock level at 30 September 2020 is estimated at 400 579 tons. At an average processed quantity of 278 583 tons per month, this represent available stock levels for 1.4 months or 44 days.

See Appendix 3 for detailed S&D table.

SUNFLOWER SEED (2020/21 New Season)

Supply: The total supply of sunflower seed is projected at 906 785 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 135 325 tons, local commercial deliveries of 765 960 tons, sunflower seed imports of 500 tons for South Africa and a surplus of 5 000 tons.

Demand: The total demand (domestic plus exports) for sunflower seed is projected at 776 100 tons. This includes 1 500 tons processed for human consumption, 5 500 tons processed for animal consumption, 763 000 tons for crush (oil and oilcake), 650 tons withdrawn by producers, 1 100 tons released to end consumers, 2 500 tons seed for planting purposes and a balancing figure of 1 300 tons (net receipts and net dispatches). A quantity of 550 tons is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 130 685 tons. At an average processed quantity of 64 167 tons per month, this represents available stock levels for 2 months or 62 days.

See Appendix 4 for detailed S&D table.

SOYBEANS (2020/21 New Season)

Supply: The total supply of soybeans is projected at 1 619 305 tons for the 2020/21 marketing season. This includes an opening stock level (at 1 March 2020) of 138 455 tons, local commercial deliveries of 1 228 250 tons, soybean imports of 250 000 tons for South Africa and a surplus of 2 600 tons.

Demand: The total demand (domestic plus exports) for soybeans is projected at 1 449 650 tons. This includes 25 000 tons processed for human consumption, 150 000 tons processed for animal (full fat) feed, 1 260 000 tons for crush (oil and oilcake), 800 tons withdrawn by producers, 450 tons released to end consumers, 7 700 tons seed for planting purposes, and a balancing figure of 1 200 tons (net receipts and net dispatches). A quantity of 4 500 tons soybeans is estimated for exports for the 2020/21 marketing season.

Stock levels: The projected closing stock level at 28 February 2021 is estimated at 169 655 tons. At an average processed quantity of 119 583 tons per month, this represents available stock levels for 1.4 months or 43 days.

See Appendix 5 for detailed S&D table.

PLEASE NOTE: The August 2020 SASDE Report will be released on the **31st of August 2020.**

Appendix 1: Detailed S & D table for White, Yellow and Total Maize – July 2020

		White Maize	White Maize	Yellow Maize	Yellow Maize	Total Maize	Total Maize
	Marketing season	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	5 545 000	9 106 160	5 730 000	6 438 950	11 275 000	15 545 110
2	CEC (Retention)	160 000	210 000	354 000	400 000	514 000	610 000
3	Min: Early deliveries for current season (March + April)	85 898	131 241	181 045	216 491	266 943	347 732
4	Plus: Early deliveries for next season (March + April)**	130 000	130 000	205 000	205 000	335 000	335 000
5	Available for the commercial market	5 429 102	8 894 919	5 399 955	6 027 459	10 829 057	14 922 378
6 SUPPLY							
7	Opening stock (1 May)	1 798 998	473 964	864 088	526 637	2 663 086	1 000 601
8	Producer deliveries	5 442 474	8 896 160	5 444 579	6 038 950	10 887 053	14 935 110
9	Imports	0	0	509 684	0	509 684	0
10	Early deliveries (Net)*	0	-1 241	0	-11 491	0	-12 732
11	Surplus	0	8 000	27 941	20 000	22 336	28 000
12	Total Supply	7 241 472	9 376 883	6 846 292	6 574 096	14 082 159	15 950 979
13 DEMAND							
14	Processed for the local market	5 449 415	6 770 500	5 656 997	4 393 000	11 106 412	11 163 500
15	- human	4 809 569	4 950 000	578 003	585 000	5 387 572	5 535 000
16	- animal and industrial	629 076	1 810 000	5 069 241	3 800 000	5 698 317	5 610 000
17	- gristing	10 770	10 500	9 753	8 000	20 523	18 500
18	Withdrawn by producers	13 111	20 000	43 993	55 000	57 104	75 000

19	Released to end-consumers	17 649	20 000	82 166	120 000	99 815	140 000
20	Net receipts(-)/disp(+)	6 282	4 000	2 372	8 500	8 654	12 500
21	Deficit	5 605	0	0	0	0	0
22	Local demand	5 492 062	6 814 500	5 785 528	4 576 500	11 271 985	11 391 000
23	Exports	1 275 446	1 170 000	534 127	1 380 000	1 809 573	2 550 000
24	- products	236 537	270 000	124 275	130 000	360 812	400 000
25	- whole maize	1 038 909	900 000	409 852	1 250 000	1 448 761	2 150 000
26	Total Demand	6 767 508	7 984 500	6 319 655	5 956 500	13 081 558	13 941 000
27	Closing Stock (30 Apr)	473 964	1 392 383	526 637	617 596	1 000 601	2 009 979
28	- processed p/month	454 118	564 208	471 416	366 083	925 534	930 292
29	- months' stock	1,0	2,5	1,1	1,7	1,1	2,2
30	- days' stock	32	75	34	51	33	66

**Early deliveries (Net) = Early deliveries for next season (March + April) minus Early deliveries for current season (March + April). The actual final closing stock at the end of April is determined by the early deliveries realised in March & April.*

***For the current marketing season early deliveries of maize which occurred during January and February 2020, are included in the 2020/21 seasons' estimate (as per CEC estimates).*

Appendix 2: Detailed S & D table for Sweet, Bitter and Total Sorghum – July 2020

		Sweet Sorghum	Sweet Sorghum	Bitter Sorghum	Bitter Sorghum	Total Sorghum	Total Sorghum
	Marketing season	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21	Final for 2019/20	Projection for 2020/21
		tons	tons	tons	tons	tons	tons
1	CEC (Crop Estimate)	88 250	84 000	38 750	51 260	127 000	135 260
2	CEC Retentions	700	400	300	100	1 000	500
3	Available for the commercial market	87 550	83 600	38 450	51 160	126 000	134 760
4	SUPPLY						
5	Opening stock (1 Mch)	34 954	52 163	16 906	8 260	51 860	60 423
6	Prod deliveries	86 134	83 600	37 791	51 160	123 925	134 760
7	Imports	59 253	5 000	0	0	59 253	5 000
8	Surplus	0	1 000	0	150	0	1 150
9	Total Supply	180 341	141 763	54 697	59 570	235 038	201 333
10	DEMAND						
11	Processed	120 976	121 350	43 154	38 960	164 130	160 310
12	- Indoor malting	301	1 000	9 223	7 500	9 524	8 500
13	- Floor malting	19 924	11 000	30 933	29 000	50 857	40 000
14	- Meal, rice & grits	92 059	100 000	2 227	1 500	94 286	101 500
15	- Pet Food	551	550	4	10	555	560
16	- Poultry feed	6 473	7 000	538	700	7 011	7 700
17	- Livestock feed	1 668	1 800	229	250	1 897	2 050
18	Bio-fuel	0	0	0	0	0	0
19	Withdrawn by producers	650	780	307	400	957	1 180
20	Released to end-consumers	549	800	64	80	613	880

21	Net receipts(-)/disp(+)	1 734	900	-698	150	1 036	1 050
22	Deficit	-1 273	0	1 509	0	236	0
23	Exports	5 542	6 000	2 101	2 000	7 643	8 000
24	Total Demand	128 178	129 830	46 437	41 590	174 615	171 420
25	Ending Stock (28/29 Feb)	52 163	11 933	8 260	17 980	60 423	29 913
26	- processed p/month	10 081	10 113	3 596	3 247	13 678	13 359
27	- months' stock	5,2	1,2	2,3	5,5	4,4	2,2
28	- days' stock	157	36	70	168	134	68

Appendix 3: Detailed S & D table for Wheat July 2020

		Wheat	Wheat
	Marketing season	Final for 2018/19	Projection for 2019/20
			tons
1	CEC (Crop Estimate)	1 868 000	1 535 000
2	CEC (Retention)	33 000	32 000
3	SUPPLY		
4	Opening stock (1 Oct)	721 534	539 079
5	Prod deliveries*	1 847 171	1 503 000
6	Imports	1 368 097	1 850 000
7	Surplus	11 994	9 000
8	Total Supply	3 948 796	3 901 079
9	DEMAND		
10	Processed	3 254 656	3 343 000
11	- human	3 251 410	3 320 000
12	- animal	3 246	23 000
13	- gristing	0	0
14	Withdrawn by producers	941	2 300
15	Released to end-consumers	2 186	1 500
16	Seed for planting purposes	19 222	19 500
17	Net receipts(-)/disp(+)	3 523	4 200
18	Deficit	0	0
19	Exports	129 189	130 000
20	- products	20 932	40 000
21	- whole wheat	108 257	90 000
22	Total Demand	3 409 717	3 500 500
23	Closing Stock (30 Sep)	539 079	400 579
24	- processed p/month	271 221	278 583
25	- months' stock	2,0	1,4
26	- days' stock	60	44

Appendix 4: Detailed S & D table for Sunflower Seed July 2020

		Sunflower Seed	Sunflower Seed
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	678 000	765 960
2	SUPPLY		
3	Opening stock (1 Mar)	120 165	135 325
4	Prod deliveries	677 674	765 960
5	Imports	457	500
6	Surplus	6 520	5 000
7	Total Supply	804 816	906 785
8	DEMAND		
9	Processed	664 027	770 000
10	- human	1 478	1 500
11	- animal	5 511	5 500
12	- crush (oil and oilcake)	657 038	763 000
13	Withdrawn by producers	783	650
14	Released to end-consumers	1 023	1 100
15	Seed for planting purposes	2 447	2 500
16	Net receipts(-)/disp(+)	635	1 300
17	Deficit	0	0
18	Exports	576	550
19	Total Demand	669 491	776 100
20	Ending Stock (28/29 Feb)	135 325	130 685
21	- processed p/month	55 336	64 167
22	- months' stock	2,4	2,0
23	- days' stock	74	62

Appendix 5: Detailed S & D table for Soybeans for July 2020

		Soybeans	Soybeans
	Marketing season	Final for 2019/20	Projection for 2020/21
		tons	tons
1	CEC (Crop Estimate)	1 170 345	1 261 250
2	Retention	0	33 000

3	SUPPLY		
4	Opening stock (1 Mar)	502 241	138 455
5	Prod deliveries	1 135 179	1 228 250
6	Imports	9 098	250 000
7	Surplus	0	2 600
8	Total Supply	1 646 518	1 619 305

9	DEMAND		
10	Processed	1 484 592	1 435 000
11	- human	23 759	25 000
12	- animal feed (full fat soya)	191 223	150 000
13	- crush (oil/oilcake)	1 269 610	1 260 000
14	Withdrawn by producers	676	800
15	Released to end-consumers	367	450
16	Seed for planting purposes	7 640	7 700
17	Net receipts(-)/disp(+)	1 355	1 200
18	Deficit	8 097	0
19	Exports	5 336	4 500
20	Total Demand	1 508 063	1 449 650
21	Closing Stock (28/29 Feb)	138 455	169 655
22	- processed p/month	123 716	119 583
23	- months' stock	1,1	1,4
24	- days stock	34	43

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For further clarification pertaining to the definitions of the selected items contained in the South African Supply and Demand Estimates (SASDE) Report, kindly visit: <https://www.namc.co.za/wp-content/uploads/2020/03/Definitions-for-selected-items-of-the-SASDE-Report-revised-March-2020.pdf>

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